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JAN 25 1993

C. Douglas Lee  
1145 E. Kleindale Rd.  
Tucson, AZ 85719

JAN 25 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

FCC MAIL ROOM

January 21, 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

Dear Sirs:

It has come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

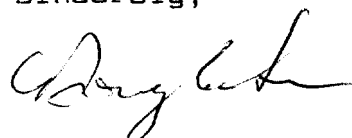
This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplanes could easily be shot out of the sky by a mobile user that I would have no way of knowing about.

I have been involved in the R/C aircraft hobby for seventeen years and own four modern or upgraded(1991) radios and seven model airplanes. I am a competition pilot and my radios and aircraft are high cost items. In addition, I have numerous engines, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these rule changes will affect a large number of people economically and in terms of enjoyment.

I urge you to reconsider this rule change. Keep 10 Khz spacing between all frequencies on the 72 and 75 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



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Federal Communications Commission  
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Dear Sirs:

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 30 years. I own 2 radios and 2 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely, Mrs. Deborah Reed

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

1/22/93

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Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

JAN 25 1993

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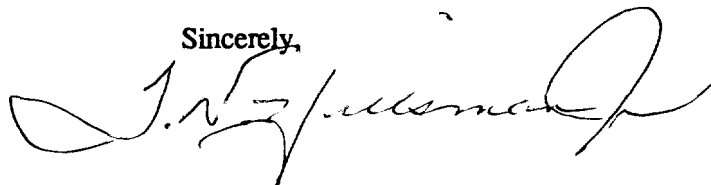
**This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.**

I have been involved in this hobby for 15 years. I own 4 radios and 5 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

**I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.**

Thank you for your consideration.

Sincerely,



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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

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JAN 25 1993

FCC MAIL ROOM

Jan. 20, 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model cars, boats and planes.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

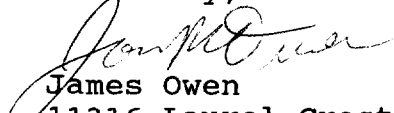
This action will have a severe, detrimental impact upon me, my family and the entire R/C industry. If put into effect, my airplane could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 7 years. I own 5 radios and 8 model cars, airplanes, and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyist in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration,

Sincerely,



James Owen

11316 Laurel Crest Lane  
Tampa, FL 33624

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JAN 25 1993

FCC MAIL ROOM

JAN 25 1993  
1015 12th Street  
Hudson WI 54016  
January 20, 1993  
FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

Re: PR Docket No. 92-235

Gentlemen:

Here are my comments regarding this PRM:

1. As a flyer of R/C Model aircraft I am concerned that the proposed 2.5 KHz adjacent channel allocations may cause interference to the receivers in aircraft in the 72MHz band. (We are currently experiencing occasional loss of control due to adjacent-channel pagers splattering into some of the assigned aircraft control frequencies.)

As you are no doubt aware, such loss of control usually results in several hundred dollars worth of damage to the aircraft AND COULD RESULT IN INJURY TO PERSONS IN THE VICINITY.

Splatter, or off-frequency interference to mobile communications users is a nuisance, not a disaster as it is with remote control functions.

2. I would appreciate if the FCC would make public the technologies that can INSURE lack of co-channel interference for those frequencies being used for remote control applications, OR, would provide frequency assignments for remote control that will definitely and confidently be protected from interference.

3. Within paragraph 14 of the PRM it is stated that "a new transmitter and associated hardware and software will be valued at over \$1000.". I hope you realize that this price will effectively eliminate a large share of over one million retired persons and young people who are active in the model aircraft hobby.

Thus it is incumbent upon the FCC to insure that this large number of users will not be disenfranchised from their hobby because of high costs caused by these new regulations.

While I totally endorse implementation of new technologies, these changes MUST be introduced at affordable costs!!

Thank you for considering these comments.

Sincerely,



Wm. S. Friedlander

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OFFICE OF THE SECRETARY

JAN 25 1993

FCC MAIL ROOM

Jan 20, 1993

FCC  
1919 M St. NW  
Washington DC 20554

Dear Sir(s),

I have been interested in aviation for many years and I am now active in the Coeur d' Alene Aeromodeling Society whose 122 members enjoy building and flying radio controlled model airplanes. I am very concerned about proposed rules now under consideration by the Federal Communications Commission (FCC), namely NPRM-PR Docket 92-235. If adopted, the new rules will greatly reduce the useability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band which is primarily used for private land dispatch operations. At this time our assigned frequencies in this band are far enough apart from the land mobile frequencies that we are able to share the band without any mutual interference. Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. If this is adopted, many land frequencies will move closer to the model aircraft radio control frequencies and very likely cause interference with control of model aircraft. The proposed plan would effectively reduce good, available aircraft channels from about 50 down to 19.

When we fly our model aircraft under radio control, we go to great lengths to assure the safety of operators and spectators and protect property. Many of our safety precautions involve the careful coordination and use of radio control frequencies. If the number of useable frequencies is reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety greatly decreased.

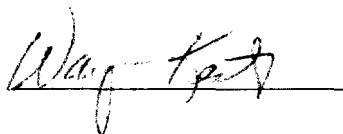
Please understand that many model aircraft have wing-spans up to 10 feet and weigh as much as 35-40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury or even death if radio interference causes the operator to lose control of the aircraft.

We often fly our models at organized events and contests where hundreds of operators participate. We need the use of the full complement of our assigned radio frequencies in order to insure a safe flying environment.

I do not think it wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. Please consider that we have a substantial investment in our models and our radio equipment, that the hobby provides hours of enjoyment to thousands of people like myself and contributes to the advancement of the aviation industry. Please help me continue the safe enjoyment of my hobby by carefully considering the proposals in NPRM-PR Docket 92-235.

Sincerely,

Name



Address

WAYNE E. KESTER  
695 TUDOR COURT  
RATHDRUM, ID 83858

92-235

TELEPHONE 615/624-7616

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PRACTICE LIMITED TO  
PLASTIC AND RECONSTRUCTIVE SURGERY

DANIEL LABRADOR, JR., M.D., F.A.C.S.  
MEMORIAL MEDICAL BUILDING  
725 GLENWOOD DRIVE SUITE E-888  
CHATTANOOGA, TENNESSEE 37404

January 22, 1993

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

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FCC - MAIL ROOM

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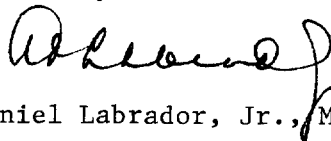
This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for twenty years. I own ten radios and several model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



Daniel Labrador, Jr., M.D.

DL:bb



Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 4 years. I own 3 radios and 4 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

*Billy M. Johnson*

SM



The Federal Communication Commission  
1919 M. St. N.W.  
Washington, DC. 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

92-235

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JAN 25 1993

FCC - MAIL ROOM

Dear sir:

I have been a model airplane builder and flyer since 1938. I belong to an active club with 80 other members who enjoy building and flying model airplanes with radio controls. I also build and race two classes of radio control sailboats.

I am concerned by your proposal to change the radio frequency assignments in the 72-76 MHz band. Fellow club members and myself have many thousands of dollars worth of equipment that will not work with more powerful radio transmitters on a frequency so close to ours. As I understand the proposal, the tolerances of the new units would actually allow them to broadcast ON our frequencies. There is no way we can operate safely under those conditions, and we certainly won't be able to afford liability insurance under those conditions.

Please don't enact F.P. Docket 92-235. We modelers need those frequencies.

Sincerely  
Fred W. Overman

January 14, 1992

Federal Communications Commission  
1919 "M" Street, N.W.  
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Sirs,

This letter is being written in response to a notice of proposed rule making, NPRM - PR DOCKET 92-235.

I am 41 years old and an active r/c modeler, F.C.C General Class License Holder, and upon receipt of call/license, a Technician class amateur operator. I am also the 1993 President of one of the largest r/c aircraft clubs in Florida, the West Pasco Model Pilots Association in Odessa, Florida. Your proposed addition of land fixed/mobile 1 watt stations between our existing r/c channels will be potentially disastrous both incident wise and financially to model aircraft flyers such as myself !

Our existing equipment is "narrow band" and operating well with 20khz channel spacing which came into play these last few years. Our particular club, chartered under the Academy of Model Aeronautics, is using all model aircraft channels allotted by the F.C.C.. Members, including myself, went to great expense to upgrade their radios. Many had transmitters that could not readily be modified, and these have been "junked" or relegated to "home museum pieces". Receivers were either exchanged by their manufacturers for a price or were also "junked" and replaced with new, after-market approved units.

Active model fields were glad to obtain an increased number of channels which help to relieve the congestion caused by too few frequencies. The thoughts of loosing these or of the F.C.C.'s perception that interference will not occur strikes me as unreal ! We already must contend with powerful paging systems existing between several of our new channels. Most of our receivers can function in this environment with the pagers only 10khz away, but operation with unknown locations (ie...portable) of 2.5khz away emissions at power levels exceeding our transmitters is sheer suicide to the flyer !

Models and modelers have "grown up" since the early days of r/c. Construction techniques have changed and aircraft weights may go up to 55lbs depending upon the clubs' chartering organization. A modern aircraft of modest weight, "out of control", is not a pretty thought. I personally fly r/c helicopters. The typical "impact velocity" of the main rotor blades at speed exceed that of a .22 cal bullet fired "point blank".....get the picture ?

I have steadily seen this hobby grow in a positive manner. Reliability of radio systems, engines, and construction techniques has improved by quantum leaps since its' inception in the early 1900's. Please don't bring it down by increasing our chances for accidents or forcing us to "huddle together" in an even smaller area of radio spectrum !

Sincerely,

*Richard L. Merrill*

Richard L. Merrill  
1507 Wildwood Lane  
Lutz, FL 33549

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JAN 25 1993

Sample Letter to FCC (from consumer)  
Regarding FCC Rule Making

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

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FCC - MAIL ROOM

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 25 years. I own 2 radios and 3 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Paul Tranks

Sample Letter to FCC (from consumer)  
Regarding FCC Rule Making

Federal Communications Commission  
1919 M Street, NW  
Washington, DC 20554

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I have been involved in this hobby for 10 years. I own 5 radios and 5 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

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Sincerely,

*Mike Altshuler*

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